

Title (en)

METHOD FOR REMOVING WASTE MATERIAL FROM HOLLOW THERMOPLASTICS BODIES

Publication

EP 0071938 B1 19870204 (DE)

Application

EP 82106966 A 19820802

Priority

DE 3131391 A 19810807

Abstract (en)

[origin: EP0071938A1] 1. A method of removing a waste portion (12) from a hollow body (10) of thermoplastic material which is produced in a blowing process from an intermediate product which is enclosed in a hollow mould which is in two or more parts and which is provided with squeezing-off edges, wherein when the hollow mould parts are closed, regions of the intermediate product are squeezed off, forming at least one waste portion (12) which remains joined to the hollow body by way of at least one web (14) of relatively small thickness which extends along the contour of the hollow body (10), and at the same time regions of the intermediate product may possibly also be welded together at the squeezing-off edges and, after the thermoplastic material has set sufficiently, the web (14) is severed with a severing element to remove the waste portion (12), the severing element being caused to act on the web between the wall of the hollow body (10) and the waste portion (12), along the course of the web (14), characterised in that the severing element used is an unheated blunt wire (18) which, being guided directly by the hollow body (10) and the waste portion (12) in the region of the web (14) is moved relative to the web (14) at any angle differing from 0 or 180 degrees with respect to the longitudinal course of the web (14).

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B29C 49/72

IPC 8 full level

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CPC (source: EP)

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Cited by

US4874649A; EP1889707A3; CN113692334A

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